

Data File : BM024309.D
Acq On : 26 Dec 2019 21:47
Operator : JU
Sample : K6277-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C93

Quant Time: Dec 27 06:02:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 05:58:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	246375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	1017104	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	583403	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1135655	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1080590	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1352963	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	22091	3.96	ng/uL	0.00
5) Phenol-d5	6.62	99	436764	18.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	305150	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	353423	21.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	283372	14.86	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	164134	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	180281	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	310458	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	98697	5.20	ng/ul	0.01
44) Dimethylphthalate-d6	13.51	166	958427	22.22	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	1155725	22.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	68399	8.83	ng/ul	0.02
58) Fluorene-d10	15.09	176	839466	22.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	72460	10.46	ng/ul	0.00
71) Anthracene-d10	16.94	188	1147618	22.21	ng/ul	0.00
79) Pyrene-d10	19.26	212	1259369	24.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1515704	22.55	ng/ul	0.01

Target Compounds

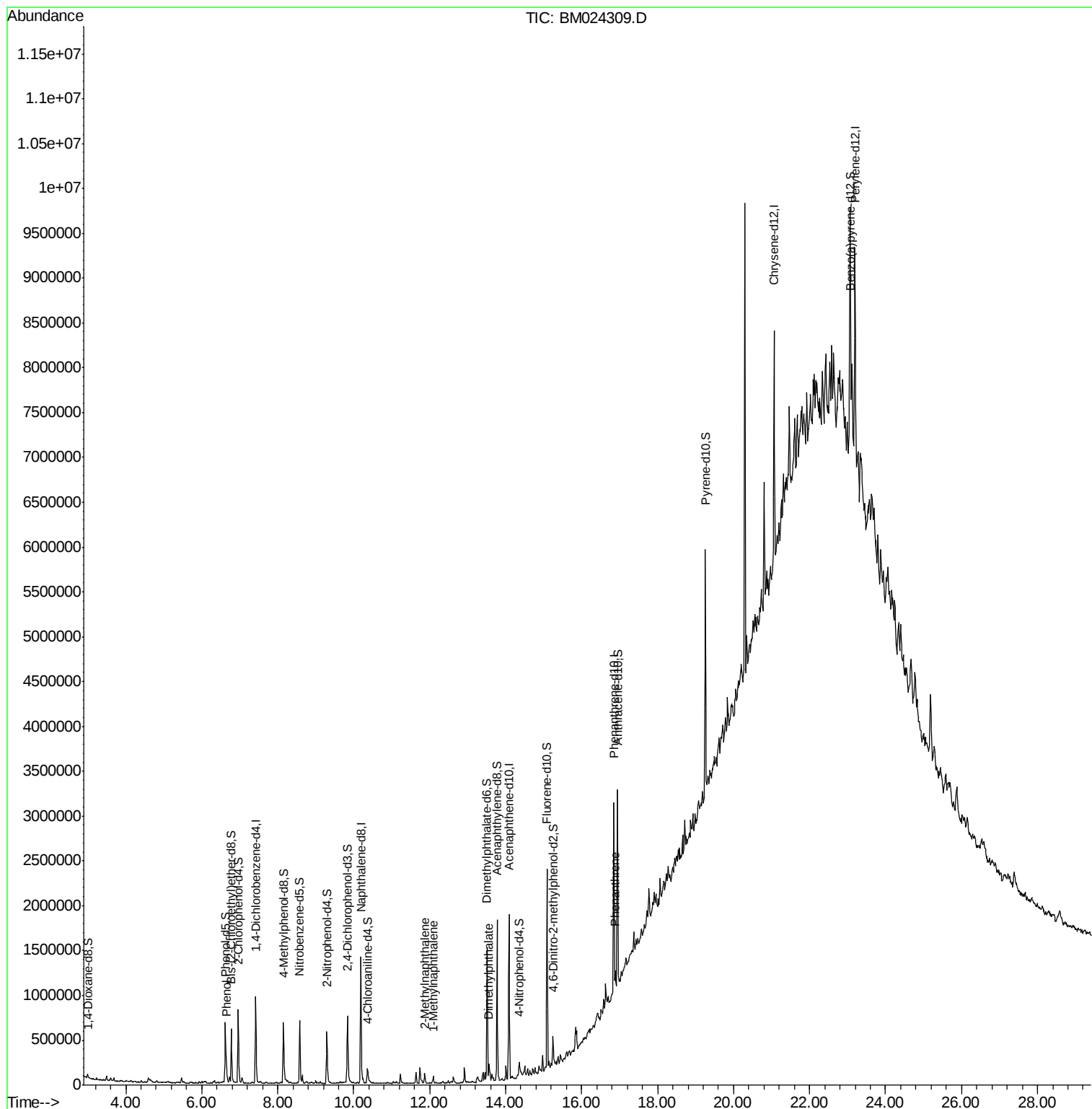
					Qvalue	
6) Phenol	6.65	94	38456	1.596	ng/ul#	85
34) 2-Methylnaphthalene	11.87	142	50667	1.330	ng/ul	100
35) 1-Methylnaphthalene	12.09	142	40547	1.043	ng/ul	94
45) Dimethylphthalate	13.56	163	110693	2.469	ng/ul	99
70) Phenanthrene	16.89	178	124820	1.963	ng/ul	93

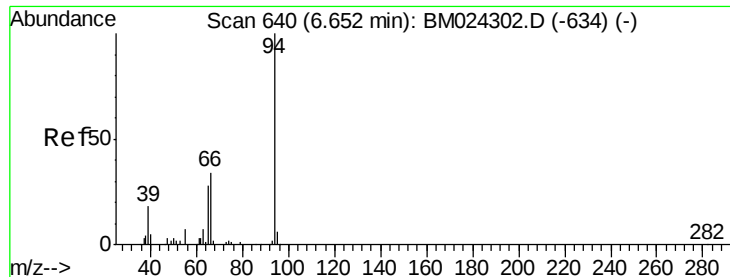
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.596 ng/ul

RT: 6.65 min Scan# 640

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

C0C93

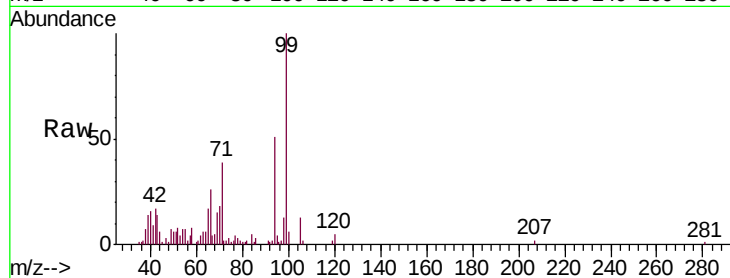
Tgt Ion: 94 Resp: 38456

Ion Ratio Lower Upper

94 100

65 32.6 22.6 33.8

66 50.7 30.7 46.1#

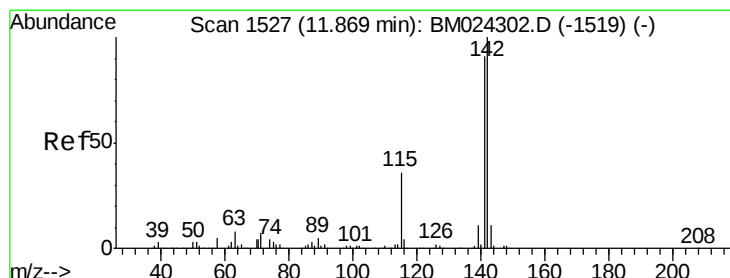
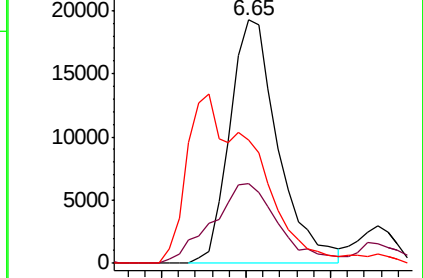
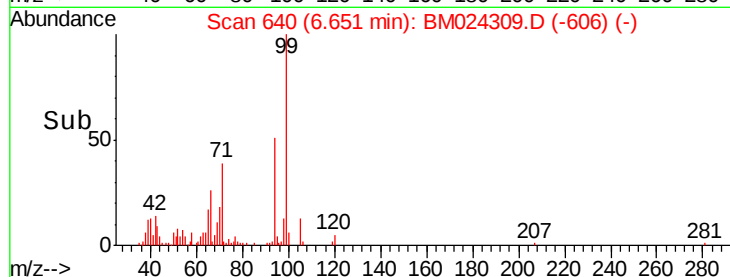


Abundance Ion 94.00 (93.70 to 94.70): BM024302.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM024302.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM024302.D (-634) (-)

Time-->



#34

2-Methylnaphthalene

Concen: 1.330 ng/ul

RT: 11.87 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BM024309.D

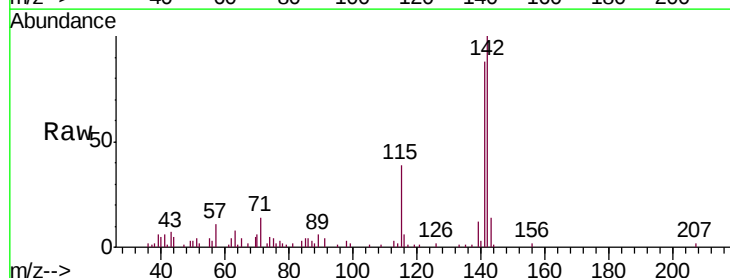
Acq: 26 Dec 2019 21:47

Tgt Ion: 142 Resp: 50667

Ion Ratio Lower Upper

142 100

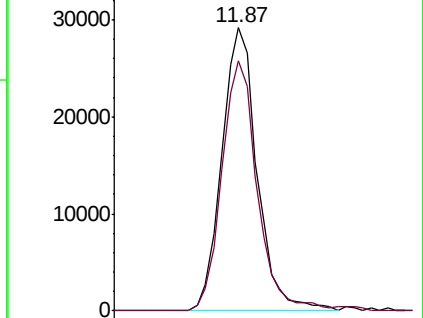
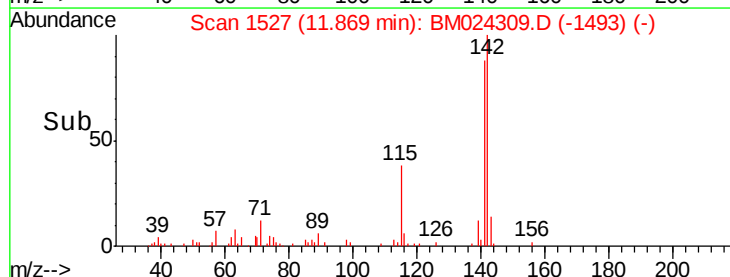
141 88.4 70.9 106.3

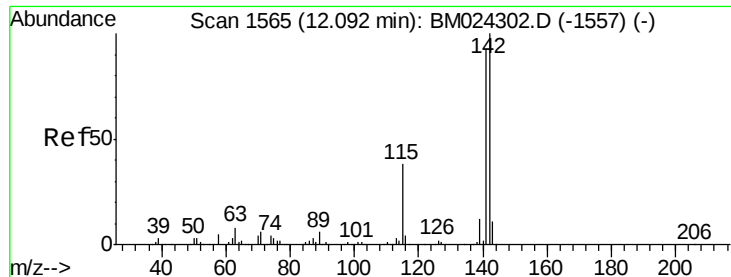


Abundance Ion 142.00 (141.70 to 142.70): BM024302.D (-1519) (-)

Ion 141.00 (140.70 to 141.70): BM024302.D (-1519) (-)

Time-->

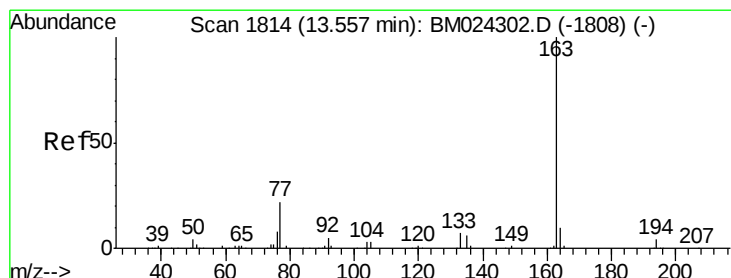
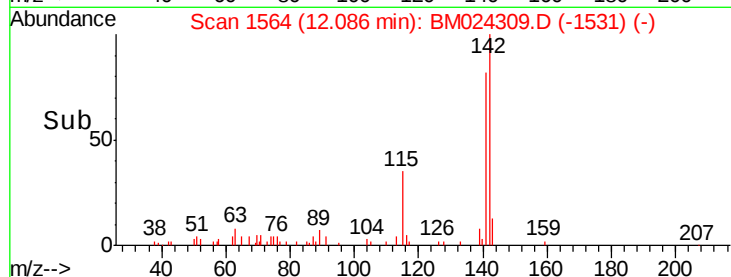
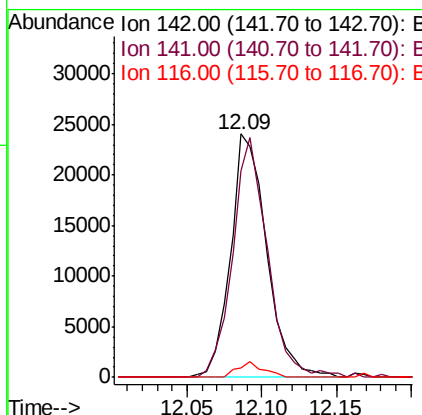
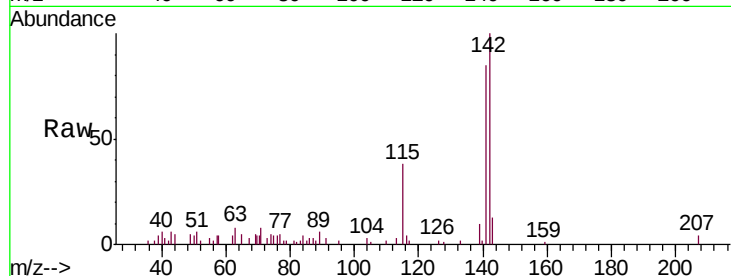




#35
1-Methylnaphthalene
Concen: 1.043 ng/ul
RT: 12.09 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BM024309.D
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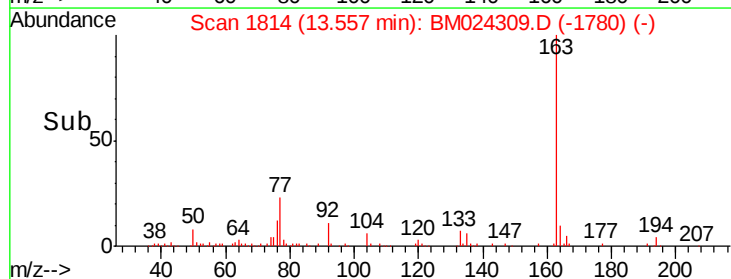
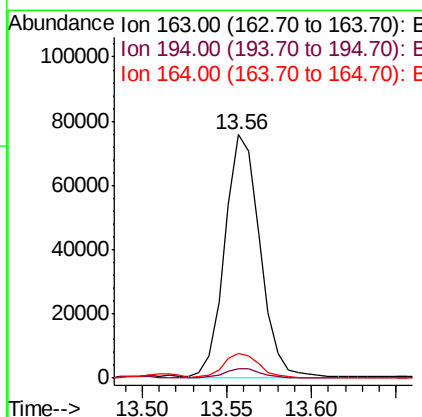
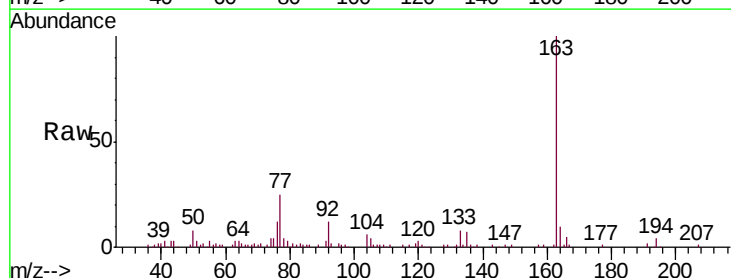
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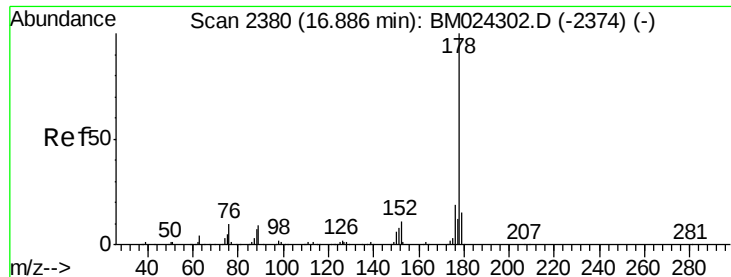
Tgt Ion:142 Resp: 40547
Ion Ratio Lower Upper
142 100
141 84.8 72.7 109.1
116 3.9 3.0 4.6



#45
Dimethylphthalate
Concen: 2.469 ng/ul
RT: 13.56 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM024309.D
Acq: 26 Dec 2019 21:47

Tgt Ion:163 Resp: 110693
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 7.8 11.6





#70

Phenanthrene

Concen: 1.963 ng/ul

RT: 16.89 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM024309.D

Acq: 26 Dec 2019 21:47

Instrument :

BNA_M

ClientSampleId :

C0C93

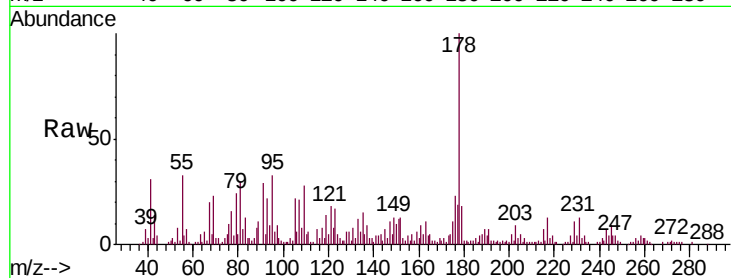
Tgt Ion:178 Resp: 124820

Ion Ratio Lower Upper

178 100

179 17.9 12.6 19.0

176 22.7 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

